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UNITED STATES GOVERNMENT

Memorandum

TO : OC Equipment Board Members

DATE: 8 June 1977

FROM :
25X1 OC Equipment Board Secretary

SUBJECT: Minutes of OC Equipment Board
25X1 Meeting No. 5-77

25X1 1. Meeting No. 5-77 of the OC Equipment Board was held at 1000 on 24 May 1977 in the D/CO Conference Room. The following persons attended:

25X1 Mr.	<input type="text"/>	DD/CO	Chairman
Mr.		OC-O	Alternate
Mr.		OC-E	Alternate
Mr.		OC-S	Member
Mr.		OC-CS	Member
Mr.		OC-P&B	Alternate
Mr.		OC-PS	Observer
Mr.		OC-E	Guest
Mr.		OC-E	Guest
Mr.		OS	Guest
Mr.		OS	Guest
Mr.		OC-E	Secretary

25X1 2. The Chairman opened the meeting and introduced Mr. from the Office of Security, who gave a demonstration of the new microfiche destruction procedure and discussed some of the background studies which led up to this development. OS now has a fluid, which dissolves the emulsion from the microfiche, leaving a clear sheet. This fluid is safe to handle under normal conditions and can be shipped commercially without major problems. There will be a microfiche storage container as part of the destruction kit OS is developing. When it is necessary to destroy the microfiche, this container would be filled with and left for ten minutes.

25X1 3. The next item on the agenda was a discussion of the Field Station Unattended Operation (FSUO). The Chairman mentioned that field testing of the FSUO in the Com-
25X1 Center was very successful and that the COS and Chief,



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25X1 were pleased with that type of operation. Mr. ☐ pointed out some of the security implications of the system which are: TEMPEST requirements for the controller/recorder, how would the system work in a MRS field station, how is the traffic separated ☐ and could the traffic be recorded Black? Mr. ☐ replied that the present configuration was chosen to avoid making major, disruptive equipment changes in an existing field station. 25X1 Mr. ☐ then stated that there would still be major equipment changes required in those MRS stations listed in the attachment. 25X1 Mr. ☐ acknowledged that changing crypto systems certainly is a major equipment change, however, the stations listed were intended to show queue run times and not necessarily FSUO installation sites. The FSUO was originally planned for KW-7 stations.

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25X1 4. ☐ The safety considerations of unattended operation of equipment were discussed. Mr. ☐ mentioned that a smoke detector system for ☐ that would also cut-off power to the equipment was being planned. 25X1 Another option could be to place the FSUO unit outside the ☐ This option would save room inside small enclosures but would require an additional controller/recorder installed in the enclosure with the M-40 Printer. The safe is NSA approved; and Mosler has been contacted and could build units that are 31 inches deep vice the present 39 inches.

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25X1 5. ☐ The question of maintaining KW-7 synchronization was raised by the Chairman. Mr. ☐ replied this would be done by the automatic EI modification of the AK-4/KW-7 Rack and a periodic traffic delay by MAX or ARS to allow the auto EI buffer to clear. The system operates in a simplex mode with no handshaking back to MAX; however, it does have a power outage protection feature which coupled with the EI/switch synchronization will prevent loss of an entire cost for a single power failure.

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25X1 6. ☐ Discussion continued on the actual message throughput speed of this system and other systems and schemes. The results of KG-13/KG-84 crypto tests scheduled for late June between ☐ should provide additional data for further systems evaluation.

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25X1 7. asked that information on the
25X1 FSUO system be provided to early in program to enable the
staff to plan courses. The question of actual time saved by
FSUO and other systems was again raised and the general con-
25X1 sensus was that was not the best station at which to
conduct a meaningful FSUO test. Mr. stated that an
evaluation of all of the various systems (AFT, FSUO, OCR/PTP,
etc.) needs to be done and guidelines developed to place the
proper systems in various field stations. Several comments
were made concerning the use of this system at MRS station.

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25X1 8. The Chairman asked if there was a role con-
flict between Engineering and Operations concerning FSUO.
25X1 Mr. stated that the two groups will work together to
develop a joint plan. The Chairman directed Engineering and
Operations to set-up a joint working group which would pre-
pare a FSUO action plan. The action plan and progress report
are to be submitted to the Equipment Board Secretary by
12 July 1977. Also the working group should identify the
type of station that they believe FSUO should be used in
and gather more data by conducting more field tests in Areas
25X1 other than When all of the data is collected, the
Equipment Board must define the role of FSUO in the entire
OC network.

25X1 9. There was no further business so the meeting was
adjourned.

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Distribution:

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Minutes Approved

6.9.77
Date

Deputy Director of Communications

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